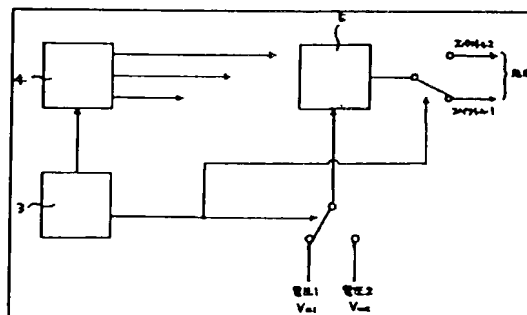


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IMAGES DATABASE : DERWENT  
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IMAGE KEY : 00-288486



4/6 - (C) Derwent

Accession Nbr - 2000-288486 [25]

Sec. Acc. Non-CPI- N2000-217591

Title - **\*\*Time\*\* of **\*\*flight\*\*** **\*\*mass\*\*** **\*\*spectrometer\*\***, calibrates gain of **\*\*mass\*\*** spectrum based on **\*\*mass\*\*** spectrum which is measured using different reproduction factors**

Derwent Classes - **\*\*S03\*\*** V05

Patent Assignee - (NIDS ) JEOL CO LTD

Nbr of Patents - 1

Nbr of Countries - 1

Patent Number - JP2000082439 A 20000321 DW2000-25 H01J-049/40 5p \*

AP: 1998JP-0248884 19980903

Priority Nbr - 1998JP-0248884 19980903

IPC s - **\*\*H01J-049/40\*\***

Basic Abstract - JP2000082439 A

NOVELTY - The voltage applied to the **\*\*ion\*\*** detector (5) is changed in correspondence with the **\*\*ion\*\***-pulse generation from **\*\*ion\*\*** and pulse generators (4,3) respectively. The

KW  
TOF  
MASS  
SPECTROM  
GAIN  
Voltage  
ion  
detector  
correspond  
Pulse

**\*\*mass\*\*** spectrum is measured using low and high reproduction factors in location of strong and weak spectral intensities respectively. Calibration of gain of **\*\*mass\*\*** spectrum is carried out based on measured **\*\*mass\*\*** spectrum.

- USE - For measuring **\*\*mass\*\*** spectrum for **\*\*time\*\*** of **\*\*flight\*\*** **\*\*mass\*\*** **\*\*spectrometer\*\***.
- ADVANTAGE - Enables proper gain control by mixing powerful and weak signals used in **\*\*mass\*\*** spectrum. Maintains large dynamic range in spectrometer, since limitation of the dynamic range is prevented.
- DESCRIPTION OF DRAWING(S) - The figure shows **\*\*mass\*\*** **\*\*spectrometer\*\***.
- Pulse and **\*\*ion\*\*** generators 3,4
- **\*\*Ion\*\*** detector 5 (Dwg.2/3)
- EPI: S03-E10A3 V05-J01A1
- 2000-25

Manual Codes  
Update Basic